

# 830 Planning Schedule with Release Capability

Functional Group ID= **PS**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Planning Schedule with Release Capability Transaction Set (830) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business practice relative to the transfer of forecasting/material release information between organizations. The planning schedule transaction may be used in various ways or in a combination of ways, such as: (1) a simple forecast; (2) a forecast with the buyer's authorization for the seller to commit to resources, such as labor or material; (3) a forecast that is also used as an order release mechanism, containing such elements as resource authorizations, period-to-date cumulative quantities, and specific ship/delivery patterns for requirements that have been represented in "buckets," such as weekly, monthly, or quarterly. The order release forecast may also contain all data related to purchase orders, as required, because the order release capability eliminates the need for discrete generation of purchase orders.

## Notes:

- 1. Organizations use this transaction set to report war reserve material requirements data to integrated material managers (IMMs)/inventory control points (ICPs).*
- 2. Use a single occurrence of this transaction set to transmit war reserve material requirements to one or more organizations. Use one occurrence of this transaction set to transmit a single or multiple transactions.*

## Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BFR	Beginning Segment for Planning Schedule	M	1		
N/U	025	XPO	Preassigned Purchase Order Numbers	O	>1		
N/U	040	CUR	Currency	O	1		
N/U	050	REF	Reference Identification	O	12		
N/U	060	PER	Administrative Communications Contact	O	3		
N/U	070	TAX	Tax Reference	O	3		
N/U	080	FOB	F.O.B. Related Instructions	O	1		
N/U	090	CTP	Pricing Information	O	25		
N/U	100	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
N/U	110	CSH	Sales Requirements	O	1		
N/U	120	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
	130	DTM	Date/Time Reference	O	10		
N/U	140	PID	Product/Item Description	O	200		

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N/U	150	MEA	Measurements	O	40
N/U	160	PWK	Paperwork	O	25
N/U	170	PKG	Marking, Packaging, Loading	O	25
N/U	180	TD1	Carrier Details (Quantity and Weight)	O	2
N/U	190	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
N/U	200	TD3	Carrier Details (Equipment)	O	12
N/U	210	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
N/U	220	MAN	Marks and Numbers	O	10
LOOP ID - N1					200
	230	N1	Name	O	1
N/U	240	N2	Additional Name Information	O	2
N/U	250	N3	Address Information	O	2
N/U	260	N4	Geographic Location	O	1
N/U	270	REF	Reference Identification	O	12
N/U	280	PER	Administrative Communications Contact	O	3
N/U	290	FOB	F.O.B. Related Instructions	O	1
LOOP ID - LM					>1
	300	LM	Code Source Information	O	1
Must Use	310	LQ	Industry Code	M	100

### Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - LIN							>1
Must Use	010	LIN	Item Identification	M	1		
N/U	020	UIT	Unit Detail	O	1		
N/U	021	DTM	Date/Time Reference	O	10		
N/U	030	CUR	Currency	O	1		
N/U	060	PO3	Additional Item Detail	O	25		
N/U	070	CTP	Pricing Information	O	25		
N/U	080	PID	Product/Item Description	O	1000		
N/U	090	MEA	Measurements	O	40		
N/U	100	PWK	Paperwork	O	25		
N/U	110	PKG	Marking, Packaging, Loading	O	25		
N/U	120	PO4	Item Physical Details	O	1		
N/U	130	PRS	Part Release Status	O	1		
N/U	140	REF	Reference Identification	O	12		
N/U	150	PER	Administrative Communications Contact	O	3		
N/U	170	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
N/U	180	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
N/U	190	TAX	Tax Reference	O	3		
N/U	200	FOB	F.O.B. Related Instructions	O	1		
N/U	210	LDT	Lead Time	O	12		
N/U	220	QTY	Quantity	O	>1		n1

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N/U	230	ATH	Resource Authorization	O	20	
N/U	240	TD1	Carrier Details (Quantity and Weight)	O	1	
N/U	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
N/U	260	TD3	Carrier Details (Equipment)	O	12	
N/U	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
N/U	280	MAN	Marks and Numbers	O	10	
N/U	290	DD	Demand Detail	O	10	
LOOP ID - SLN					100	
N/U	300	SLN	Subline Item Detail	O	1	
N/U	310	PID	Product/Item Description	O	1000	
N/U	315	NM1	Individual or Organizational Name	O	10	
LOOP ID - N1					200	
	320	N1	Name	O	1	
N/U	330	N2	Additional Name Information	O	2	
N/U	340	N3	Address Information	O	2	
N/U	350	N4	Geographic Location	O	1	
N/U	360	REF	Reference Identification	O	12	
N/U	370	PER	Administrative Communications Contact	O	3	
N/U	380	FOB	F.O.B. Related Instructions	O	1	
LOOP ID - LM					>1	
	390	LM	Code Source Information	O	1	
Must Use	400	LQ	Industry Code	M	100	
LOOP ID - FST					>1	
	410	FST	Forecast Schedule	O	1	n2
N/U	420	SDQ	Destination Quantity	O	50	
LOOP ID - LM					>1	
	430	LM	Code Source Information	O	1	
Must Use	440	LQ	Industry Code	M	100	
LOOP ID - SDP					260	
N/U	450	SDP	Ship/Delivery Pattern	O	1	
N/U	460	FST	Forecast Schedule	O	260	
LOOP ID - SHP					25	
N/U	470	SHP	Shipped/Received Information	O	1	
N/U	480	REF	Reference Identification	O	5	

### Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
N/U	010	CTT	Transaction Totals	O	1		n3
Must Use	020	SE	Transaction Set Trailer	M	1		

### Transaction Set Notes

1. QTY is used to specify supplemental quantities relevant to the forecast function. However, QTY is not related to the actual forecast quantity in the FST segments.
2. At least one occurrence of segment FST is required, either in the FST loop or within the SDP loop. These two loops are mutually exclusive.
3. Number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (FST01) for each FST segment.

**Segment:** **ST** **Transaction Set Header**  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

#### Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use ST01	143	Transaction Set Identifier Code	M	ID 3/3
		Code uniquely identifying a Transaction Set		
		830 X12.14 Planning Schedule with Release Capability		
Must Use ST02	329	Transaction Set Control Number	M	AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

**Segment:** **BFR** **Beginning Segment for Planning Schedule**

**Position:** 020

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the beginning of a planning schedule transaction set; whether a ship or delivery based forecast; and related forecast envelope dates

**Syntax Notes:** 1 At least one of BFR02 or BFR03 is required.

**Semantic Notes:**

- 1 If BFR01 contains the value "04" (Net Change), BFR09 is required.
- 2 BFR02 is the identifying number for a forecast assigned by the orderer/purchaser.
- 3 BFR06 is the forecast horizon start date: The date when the forecast horizon (envelope) begins.
- 4 BFR07 is the forecast horizon end date: The date when the forecast horizon (envelope) ends.
- 5 BFR08 is the date forecast generated: The date the forecast data was generated.
- 6 BFR09 is the date forecast updated: The date the forecast was updated with "net change" data. (Used only when data element 353 in BFR01 contains the value "04", meaning net change.)

**Comments:**

#### Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
Must Use	BFR01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
		00	Original	
		77	Simulation Exercise	
			<i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.</i>	
Must Use	BFR02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>Use to identify the transaction number associated with the report of war material requirements data for the national stock number (NSN) identified in the 2/LIN/010 segment.</i>	
N/U	BFR03	328	Release Number	X AN 1/30

			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction			
<b>Must Use</b>	<b>BFR04</b>	<b>675</b>	<b>Schedule Type Qualifier</b>	<b>M</b>	<b>ID</b>	<b>2/2</b>
			Code identifying the type of dates used when defining a shipping or delivery time in a schedule or forecast			
			PR			Planned Requirement Based
						<i>Use to indicate requirements data reflecting forecasted requirements for specified time frames.</i>
<b>Must Use</b>	<b>BFR05</b>	<b>676</b>	<b>Schedule Quantity Qualifier</b>	<b>M</b>	<b>ID</b>	<b>1/1</b>
			Code identifying the type of quantities used when defining a schedule or forecast			
			A			Actual Discrete Quantities
						<i>Use to indicate quantities reflecting discrete requirements for specified time frames.</i>
<b>Must Use</b>	<b>BFR06</b>	<b>373</b>	<b>Date</b>	<b>M</b>	<b>DT</b>	<b>6/6</b>
			Date (YYMMDD)			
						<i>Use to identify the forecast period start date.</i>
	<b>BFR07</b>	<b>373</b>	<b>Date</b>	<b>O</b>	<b>DT</b>	<b>6/6</b>
			Date (YYMMDD)			
						<i>Use to identify the forecast period end date.</i>
<b>Must Use</b>	<b>BFR08</b>	<b>373</b>	<b>Date</b>	<b>M</b>	<b>DT</b>	<b>6/6</b>
			Date (YYMMDD)			
						<i>Express the originating activity's date of transaction set preparation in universal time coordinate (UTC).</i>
<b>N/U</b>	<b>BFR09</b>	<b>373</b>	<b>Date</b>	<b>O</b>	<b>DT</b>	<b>6/6</b>
			Date (YYMMDD)			
<b>N/U</b>	<b>BFR10</b>	<b>367</b>	<b>Contract Number</b>	<b>O</b>	<b>AN</b>	<b>1/30</b>
			Contract number			
<b>N/U</b>	<b>BFR11</b>	<b>324</b>	<b>Purchase Order Number</b>	<b>O</b>	<b>AN</b>	<b>1/22</b>
			Identifying number for Purchase Order assigned by the orderer/purchaser			
<b>Must Use</b>	<b>BFR12</b>	<b>783</b>	<b>Planning Schedule Type Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
			Code identifying type of planning schedule used			
			XF			War Reserve Forecast
						<i>Use to indicate the transaction is a war reserve material requirements forecast.</i>
<b>N/U</b>	<b>BFR13</b>	<b>306</b>	<b>Action Code</b>	<b>O</b>	<b>ID</b>	<b>1/2</b>
			Code indicating type of action			

**Segment:** **DTM** **Date/Time Reference**  
**Position:** 130  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM06 is required.  
2 If either DTM06 or DTM07 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier		M ID 3/3
				Code specifying type of date or time, or both date and time	
				097 Transaction Creation	
				<i>Use to identify the originating activity's time of transaction set preparation.</i>	
N/U	DTM02	373	Date		X DT 6/6
				Date (YYMMDD)	
Must Use	DTM03	337	Time		X TM 4/8
				Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
				<i>1. Express the originating activity's time in UTC.</i>	
				<i>2. Express time in a four-position (HHMM) format.</i>	
N/U	DTM04	623	Time Code		O ID 2/2
				Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
N/U	DTM05	624	Century		O N0 2/2
				The first two characters in the designation of the year (CCYY)	
N/U	DTM06	1250	Date Time Period Format Qualifier		X ID 2/3
				Code indicating the date format, time format, or date and time format	
N/U	DTM07	1251	Date Time Period		X AN 1/35
				Expression of a date, a time, or range of dates, times or dates and times	



<b>Segment:</b>	<b>N1</b> Name
<b>Position:</b>	230
<b>Loop:</b>	N1
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<b>1</b> At least one of N102 or N103 is required. <b>2</b> If either N103 or N104 is present, then the other is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	<b>1</b> This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. <b>2</b> N105 and N106 further define the type of entity in N101.
<b>Notes:</b>	<b>1. The 1/N1/230 loop will, as a minimum, cite the organization originating the transaction set.</b>  <b>2. Use this 1/N1/230 loop to indicate an organization when an N101 qualifier code (e.g., KD) applies to ALL table 2 iterations and the same address (N104 value) applies to all or most of the table 2 iterations. For any specific table 2 iteration where the address is to differ from the one indicated in table 1, use the 2/N1/320 loop and specify the matching qualifier in N101 and the different address in N104. This address will override the table 1 data for the current table 2 iteration. Do not cite any qualifier code in 1/N101/230 that does not apply to all of the table 2 iterations. (Codes subject to override: KA.)</b>

Data Element Summary					
Ref.	Des.	Data Element	Name	Attributes	
Must Use	N101	98	Entity Identifier Code	M	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			KA		Item Manager
			KD		Proposer
					<i>Use to indicate the organizations submitting war reserve material requirements data.</i>
			ZD		Party to Receive Reports
					<i>Use to indicate the organization submitting war reserve material requirements data.</i>
N/U	N102	93	Name	X	AN 1/35
			Free-form name		
Must Use	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for		

## Identification Code (67)

10 Department of Defense Activity Address Code (DODAAC)

M4 Department of Defense Routing Identifier Code (RIC)

<b>Must Use</b>	<b>N104</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN</b>	<b>2/20</b>
			Code identifying a party or other code			

<b>N/U</b>	<b>N105</b>	<b>706</b>	<b>Entity Relationship Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
			Code describing entity relationship			

	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
			Code identifying an organizational entity, a physical location, or an individual			

*Must use FR and TO in conjunction with the appropriate 1/N101/230 code to indicate the organizations sending and receiving the transaction set.*

FR Message From  
*Use to indicate that the organization cited in N104 transmitted the transaction set.*

TO Message To  
*Use to indicate that the organization cited in N104 is to receive the transaction set.*

**Segment:** **LM** Code Source Information

**Position:** 300

**Loop:** LM

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To transmit standard code list identification information

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 LM02 identifies the applicable industry code list source information.

**Notes:** *Use this 1/LM/300 loop to identify DoD unique data when any specific LQ01 qualifier code (e.g., 0) applies to ALL table 2 iterations and the same LQ02 DoD code applies to all or most of the table 2 iterations. For any specific table 2 iteration where the DoD code is to differ from the one indicated in table 1, use the 2/LM/390 loop and specify the matching qualifier in LQ01 and the different DoD code in LQ02. This code will override the table 1 DoD code for the current table 2 iteration. Do not cite any qualifier code in 1/LQ01/310 that does not apply to all the table 2 iterations. (Codes subject to override: 0 and LZ.)*

## Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
Must Use	LM01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
N/U	LM02	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

**Segment:** **LQ** Industry Code  
**Position:** 310  
**Loop:** LM  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 100  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Use to identify codes, as appropriate, consistent with management information requirements.*

#### Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
LQ01	1270	Code List Qualifier Code	O	ID 1/3
		Code identifying a specific industry code list		
		0 Document Identification Code		
		LZ War Reserve Material Requirement Code		
		<i>Use to identify the type of war reserve requirement for which the forecast applies.</i>		
LQ02	1271	Industry Code	X	AN 1/30
		Code indicating a code from a specific industry code list		

<b>Segment:</b>	<b>LIN</b> Item Identification
<b>Position:</b>	010
<b>Loop:</b>	LIN
<b>Level:</b>	Detail
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify basic item identification data
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either LIN04 or LIN05 is present, then the other is required.</li> <li>2 If either LIN06 or LIN07 is present, then the other is required.</li> <li>3 If either LIN08 or LIN09 is present, then the other is required.</li> <li>4 If either LIN10 or LIN11 is present, then the other is required.</li> <li>5 If either LIN12 or LIN13 is present, then the other is required.</li> <li>6 If either LIN14 or LIN15 is present, then the other is required.</li> <li>7 If either LIN16 or LIN17 is present, then the other is required.</li> <li>8 If either LIN18 or LIN19 is present, then the other is required.</li> <li>9 If either LIN20 or LIN21 is present, then the other is required.</li> <li>10 If either LIN22 or LIN23 is present, then the other is required.</li> <li>11 If either LIN24 or LIN25 is present, then the other is required.</li> <li>12 If either LIN26 or LIN27 is present, then the other is required.</li> <li>13 If either LIN28 or LIN29 is present, then the other is required.</li> <li>14 If either LIN30 or LIN31 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	1 LIN01 is the line item identification
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See the Data Dictionary for a complete list of IDs.</li> <li>2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., or SKU.</li> </ol>
<b>Notes:</b>	<p><i>1. Use the 2/LIN/010 loop to identify the war reserve material and information associated with the requirement forecast.</i></p> <p><i>2. Use data element 235/234 pairs to identify data pertinent to the transaction. Present the information in any sequential order. Unless otherwise specified, the multiple codes listed for a single qualifier data element identify the range of possible data requirements. When needed, use the next available combination of data element 235/234 pairs to provide the necessary data.</i></p>

## Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
N/U	LIN01	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	LIN02	235	Product/Service ID Qualifier	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	

***1. Use only one of codes A1, A2, A4, FB, FS, MG, or YP to properly identify the material.***

***2. When citing a manufacturer's part number (code MG), always use code ZB to identify the manufacturer's commercial and government entity (CAGE) code.***

A1	Plant Equipment Number <i>Use to identify plant equipment.</i>
A2	Department of Defense Identification Code (DoDIC) <i>Use to identify ammunition items.</i>
A4	Subsistence Identification Number <i>Use to identify subsistence items.</i>
FB	Form Number <i>Use to identify the form stock number.</i>
FS	National Stock Number <i>Must use the NSN when known.</i>
MG	Manufacturer's Part Number <i>Use to identify nonstandard material.</i>
YP	Publication Number <i>Use to identify the publication stock number.</i>
ZB	Commercial and Government Entity (CAGE) Code <i>Use only with code MG to identify a manufacturer's part number.</i>

Must Use	LIN03	234	Product/Service ID	M	AN	1/40
			Identifying number for a product or service			
	LIN04	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
	LIN05	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
N/U	LIN06	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
N/U	LIN07	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
N/U	LIN08	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
N/U	LIN09	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			

N/U	LIN10	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2
N/U	LIN11	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN	1/40
N/U	LIN12	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2
N/U	LIN13	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN	1/40
N/U	LIN14	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2
N/U	LIN15	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN	1/40
N/U	LIN16	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2
N/U	LIN17	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN	1/40
N/U	LIN18	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2
N/U	LIN19	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN	1/40
N/U	LIN20	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2
N/U	LIN21	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN	1/40
N/U	LIN22	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2
N/U	LIN23	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN	1/40
N/U	LIN24	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2
N/U	LIN25	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN	1/40
N/U	LIN26	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in	X	ID	2/2

			Product/Service ID (234)			
N/U	LIN27	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
N/U	LIN28	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
N/U	LIN29	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
N/U	LIN30	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
N/U	LIN31	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			



<b>Segment:</b>	<b>N1</b> Name
<b>Position:</b>	320
<b>Loop:</b>	N1
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<b>1</b> At least one of N102 or N103 is required. <b>2</b> If either N103 or N104 is present, then the other is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	<b>1</b> This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. <b>2</b> N105 and N106 further define the type of entity in N101.
<b>Notes:</b>	<i>For any specific table 2 iteration use this 2/N1/320 loop as needed: 1) to identify an organization when the N101 qualifier code does not apply to all table 2 iterations and therefore was NOT indicated in the 1/N1/230 loop or 2) when the N101 qualifier applies to all table 2 iterations but the N104 address varies among most of them or 3) to override an address in the 1/N1/230 loop with a different address specified in the 2/N1/320 loop when the same N101 qualifier is used in both loops, but the N104 address is different. (Codes subject to override: KA.)</i>

Data Element Summary					
Ref.	Des.	Data Element	Name	Attributes	
Must Use	N101	98	Entity Identifier Code	M	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			KA Item Manager		
N/U	N102	93	Name	X	AN 1/35
			Free-form name		
Must Use	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
		10	Department of Defense Activity Address Code (DODAAC)		
		M4	Department of Defense Routing Identifier Code (RIC)		
Must Use	N104	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
N/U	N105	706	Entity Relationship Code	O	ID 2/2
			Code describing entity relationship		
	N106	98	Entity Identifier Code	O	ID 2/2

Code identifying an organizational entity, a physical location, or an individual

***Use code TO in conjunction with the appropriate 2/N101/320 code to indicate the organization to receive the transaction set.***

TO

Message To

***Use to indicate that the organization cited in N104 is to receive the transaction set.***

**Segment:** **LM** Code Source Information

**Position:** 390

**Loop:** LM

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To transmit standard code list identification information

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 LM02 identifies the applicable industry code list source information.

**Notes:** *Use the 2/LM/430 loop to identify unique DoD coded data for Pre-positioned War Reserve (PWR) forecast requirements. For any specific table 2 iteration use this 2/LM/390 loop as needed: 1) to identify a DoD code when the LQ01 qualifier code does not apply to all table 2 iterations and therefore was NOT indicated in the 1/LM/300 loop or 2) to identify a DoD code when the LQ01 qualifier code applies to all table 2 iterations but the LQ02 DoD code varies among most of them or 3) to override an LQ02 DoD code in the 1/LM/300 loop with a different DoD code in the 2/LM/390 loop when the same LQ01 qualifier is used in both loops but the LQ02 DoD code is different. (Codes subject to override: 0 and LZ)*

## Data Element Summary

Ref.	Data	Element	Name	Attributes
Must Use	LM01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
N/U	LM02	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

**Segment:** **LQ** Industry Code  
**Position:** 400  
**Loop:** LM  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 100  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Use to identify codes, as appropriate, consistent with management information requirements.*

## Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
Must Use LQ01	1270	Code List Qualifier Code	O	ID	1/3
		Code identifying a specific industry code list			
		0 Document Identification Code			
		78 Project Code			
		<i>Use as needed to identify the applicable war reserve project code.</i>			
		LZ War Reserve Material Requirement Code			
		<i>Must use to identify the type of war reserve requirement for which the forecast applies.</i>			
Must Use LQ02	1271	Industry Code	X	AN	1/30
		Code indicating a code from a specific industry code list			

<b>Segment:</b>	<b>FST</b> Forecast Schedule
<b>Position:</b>	410
<b>Loop:</b>	FST
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify the forecasted dates and quantities
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either FST06 or FST07 is present, then the other is required.</li> <li>2 If either FST08 or FST09 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 If FST03 equals "F" (indicating flexible interval), then FST04 and FST05 are required. FST04 would be used for the start date of the flexible interval and FST05 would be used for the end date of the flexible interval.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 As qualified by FST02 and FST03, FST04 represents either a discrete forecast date, the first date of a forecasted bucket (weekly, monthly, quarterly, etc.) or the start date of a flexible interval.</li> <li>2 FST06 qualifies the time in FST07. The purpose of the FST07 element is to express the specific time of day in a 24-hour clock to satisfy "just-in-time" requirements. As an alternative, the ship/delivery pattern segment (SDP) may be used to define an approximate time, such as a.m. or p.m.</li> </ol>
<b>Notes:</b>	<i>Use multiple 2/FST/410 loop iterations to identify incremental monthly forecast quantities. Use only one iteration when identifying the PWR quantity.</i>

## Data Element Summary

Ref.	Data				
Des.	Element	Name	Attributes		
Must Use FST01	380	Quantity	M	R	1/15
		Numeric value of quantity			
		<i>Use to identify the monthly forecast quantity. Express as a whole number with no decimals. For example, if the quantity is 20, city only 20.</i>			
Must Use FST02	680	Forecast Qualifier	M	ID	1/1
		Code specifying the sender's confidence level of the forecast data or an action associated with a forecast			
		D Planning			
		<i>Use to indicate the requirement reflects a planning requirement forecast.</i>			
Must Use FST03	681	Forecast Timing Qualifier	M	ID	1/1
		Code specifying interval grouping of the forecast			
		M Monthly Bucket (Calendar Months)			
		<i>Use to indicate quantities are reflected in monthly increments.</i>			
Must Use FST04	373	Date	M	DT	6/6
		Date (YYMMDD)			

*Use to identify the specific month of the forecast period for which the quantity applies. Assume that the first day of the month applies.*

N/U	FST05	373	<b>Date</b> Date (YYMMDD)	O	DT	6/6
N/U	FST06	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	X	ID	3/3
N/U	FST07	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM	4/8
N/U	FST08	128	<b>Reference Identification Qualifier</b> Code Qualifying the Reference Identification	X	ID	2/3
N/U	FST09	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30
N/U	FST10	783	<b>Planning Schedule Type Code</b> Code identifying type of planning schedule used	O	ID	2/2

**Segment:** **LM** **Code Source Information**  
**Position:** 430  
**Loop:** LM  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LM02 identifies the applicable industry code list source information.  
**Notes:** *Use this 2/LM/430 loop to identify DoD unique coded data related to the characteristics and coding requirements for PWR requirements forecast in 2/FST/410.*

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	LM01	559 Agency Qualifier Code	M	ID 2/2
		Code identifying the agency assigning the code values		
		DD Department of Defense		
N/U	LM02	822 Source Subqualifier	O	AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier		

**Segment:** **LQ** **Industry Code**  
**Position:** 440  
**Loop:** LM  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 100  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Use to identify codes, as appropriate, consistent with management information requirements.*

#### Data Element Summary

Ref.	Data				
Des.	Element	Name	Attributes		
Must Use LQ01	1270	Code List Qualifier Code	O	ID	1/3
		Code identifying a specific industry code list			
		78 Project Code			
		<i>Use as needed to identify the applicable war reserve project code.</i>			
		LZ War Reserve Material Requirement Code			
		<i>Must use to identify PWR requirement forecast.</i>			
Must Use LQ02	1271	Industry Code	X	AN	1/30
		Code indicating a code from a specific industry code list			



**Segment:** **SE** Transaction Set Trailer  
**Position:** 020  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:****Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

	Ref. Des.	Data		<u>Attributes</u>
		<u>Element</u>	<u>Name</u>	
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	